Nine-year democracy outcomes: Citizenship engagement

					•	100					•					
Hours/week spent in volunteer wo													Close fr		•	
	Worksh	op mode			Discuss	sion mod		•	Socializ	ing mode			were div			·
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.082			=	.084				.084			■ ,	.081			
Informal interaction (model)	.123				.096		•		.089				.035		•	
Number of community service ac	tivities pa	articipat	ed in										Close fr	iends in	college	
•	Worksh	op mode	4		Discuss	sion mod	lel		Socializ	ing mode	el		were div	erse mo	del	
Predictors	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.118	Ė		ė	.120	Ė	ė	Ė	.120	. =	e e	. •	.117	Ė		ė
Informal interaction (model)	.178			•	.144		•	• .	.103	•		•	.055		•	
Community service reason: To gi	ive me a	chance t	o work v	with peop	le differe	nt from i	me						Close fr	iends in	college	
		op mode		• •		sion mod			Socializ	ing mod	el		were div			
Predictors	r	Step 1		Step 3	r		Step 2	Step 3	Г	Step 1		Step 3	r	Step 1		Step 3
Classroom	.094		i i		.095				.094		ė	ė	.094			
Informal interaction (model)	.125				.133				.096	•			.064	=		•
Community service reason: To in	nprove so	ociety as	a whole	B									Close fr	iends in	college	
•		nop mode			Discus	sion mod	iel		Socializ	zing mod	el .		were di			
Predictors	r	Step 1		Step 3		Step 1	Step 2	Step 3	. r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.101				.103				.103				.101			
Informal interaction (model)	.119		•	•	.160			•	.086	•	•	•	.035	-		-
Community service reason: To in	norove m	v comm	unity										Close fi	iends in	college	
, car		nop mode			Discus	sion mod	iel		Socializ	zing mod	el		were di	verse mo	odel	
Predictors	- 7	Step 1	Step 2	Step 3	-	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.081				.081	ė	ė	Ė	.081				.081		Ě	
Informal interaction (model)	.099	•			.149				.106		•	•	.030	. •	•	• .
Community service reason: To fu	ılfili mv s	ocial res	ponsibi	lity	•								Close fi	riends in	college	
Continuity Continuity of		nop mode		•	Discus	sion mod	iel		Socializ	zing mod	el		were di	verse m	odel	
Predictors	r	Step 1		Step 3	Г	Step 1	Step 2	Step 3	. ,	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.105				.106				.107		. •		.105	•	Ė	
Informal Interaction (model)	.121	•	-	•	.161		•	•	.053				.033			
Influencing the political structure													Close fi	riends in	college	
ittimenialis are banciam angeria		nop mode	<u>.</u>		Discus	sion mod	iel		Socializ	zing mod	el		were di	verse mo	odel	
Predictors	Г	Step 1		Step 3	r	Step 1	Step 2	Step 3	r	Step 1		Step 3	r	Step 1	Step 2	Step 3
Classroom	.129		Ė	i	.129	1			.129				.128			•
Informal interaction (model)	.143	•			.224		•	•	.102	-	•	•	.058			

Influencing social values	•												Close fr	iends in	college	
	Worksh	op mode	1		Discus:	sion mod	el		Socializ	ing mode	H		were div	erse mo	del	
Predictors	<u> </u>	Step 1	Step 2	Step 3	- r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3
Classroom	.105				.1,06				.106				.106		•	
Informal interaction (model)	.126				.179				.074				.014			
Helping others in difficulty													Close fr	iends in	college	
, ,	Workst	nop mode	ł		Discus	sion mod	el		Socializ	ing mode	ᅿ		were din	verse mo	del	
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3
Classroom	.109		•		.110	•	•		.110				.109	e i	<u> </u>	
Informal interaction (model)	.128				.149		-		.133				.051	•		
Being involved in programs to c		e enviro nop mode			Discus	sion mod	el		Socializ	ting mode	.			riends in verse ma		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.061				.060	· ·			.060				.061			•
Informal interaction (model)	.880.	=	-		.084		•	•	.057			•	.047			
Participating in a community ac	tion progr	am											Close f	riends in	college	
	Worksł	nop mode	4		Discus	sion mod	el		Socializ	zing mode	el		were di	verse mo	odel	
Predictors	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.145	•		Ė	.146	ė	•		.146				.145	•	=	
Informal interaction (model)	.193			•	.208	•			.107	· 👚			.059			

Nine-year democracy outcomes: Racial/Cultural engagement

Promoting racial understanding											_		Close fr			
	Workst	op mode	!		Discus	sion mod	<u>lel</u>		Socializ	ing mode	el		were div	/erse mo	del	
Predictors	r .	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.172	ė	Ė		.173		•		.173		-		.172			Ė
Informal interaction (model)	.200		•	•	.299				.197			-	.138			
Cultural awareness and apprecia	ation												Close fr	iends in	college	
	Worksh	nop mode	H		Discus	sion mod	lel		Socializ	ing mode	el		were div	verse mo	del	
Predictors	ſ	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.172		•	•	.174	•			.174		=	•	.173	ė	i i	•
Informal interaction (model)	.185				.230			-	.165		•		.098	•		•
Acceptance of persons from diff	erent race	s/cultur	es										Close fi	riends in	college	
•	Workst	nop mode	d		Discus	sion mod	iel		Socializ	ing mod	el		were di	verse mo	del	
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.137	Ė		. •	.137	i	Ė		.137	ė	Ė	•	.137	Ė	Ė	ė
Informal interaction (model)	.149		-		.211				.187		-		.108		-	•

Nine-year outcomes: Living / working in a diverse society

How well did your undergraduate		n prepa op mode		or gradua	te school	? sion mod	al		Socializ	ing mode	si.			iends in ⁄erse ma	•	
Predictors	r	Step 1		Step 3	r	Step 1	Step 2	Step 3	SUCIAILE [Step 1	Step 2	Step 3	Weie un	Step 1		Step 3
Classroom	.066	Step 1	Otep 2	Otep 0	.067	Otep I	Otep 2	Otep 0	.066	Otep 1	Otep 2	Greb 3	.067	otep i	otep 2	Sieb 3
Informal interaction (model)	.109	-	-	•	.135				.098			-	.054	-	-	•
low well did your undergraduate		n prepa		current/m		t job? sion mod	el		Socializ	ing mode	el			iends in verse mo		
Predictors	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.022		•	•	.024		·	. •	.024		•	•	.022	ė	ė	•
Informal interaction (model)	.057		•	•	.044			•	.046		•		009		*	•
Past year: Discussed racial/ethnic		op mode	ı		Discuss	sion mod	al		Socializ	ing mode	ᆈ			riends in verse mo		
Predictors	r	Step 1		Step 3	<u> </u>	Step 1		Step 3	f	Step 1		Step 3	r	Step 1		Step 3
Classroom	.142	otep .	O(CP I		.142	• • • • • • • • • • • • • • • • • • •	olop z		.142	U.Sp ,			.142	otep .	otep 2	otep o
Informal interaction (model)	.177		_		.322	_	_	_	.169	_	_		.075		-	
mornal anciaction (model)		_	_	_		_	_	-		_	_	_		. –		_
Past year: Socialized with someon	ne of ano	ther rac	ial/ethni	c group										riends in	-	
	Worksh	op mode			Discus	sion mod			Socializ	ing mod			were di	verse mo		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.092				.092				.092				.091			
Informal interaction (model)	.114			-	.154		=		.285				.194			
Current close friends are diverse													Close f	riends in	college	
	Workst	nop mode	1		Discus	sion mod	lel		Socializ	zing mod	el		were di	verse mo	odel	
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.079			` = .	.079	=			.079				.079		•	
Informal Interaction (model)	.082		•	•	.105				.172	-	•		.739		-	•
Current neighbors are diverse														riends in	_	
-	Worksh	nop mode	H .		Discus	sion mod	lel		Socializ	zing mod			were di	verse mo		
Predictors	r	Step 1	Step 2	Step 3	<u> </u>	Step 1	Step 2	Step 3	Γ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.074				.072	=			.071			-	.074		=	
Informal interaction (model)	.105	•			.120				.130				.532			-
Current work associates are dive		_			D :	_1	1-0		01-11-		. 1			riends in	_	
	Worksh	nop mode				sion mod		<u> </u>		zing mod		- 04 0		verse me		Char
Predictors	r	Step 1	Step 2	Step 3	l eco	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	- t 054	Step 1	Step 2	Step 3
Classroom	.054			_	.053			_	.053	-	_	_	.054	_	_	_
Informal interaction (model)	.051				.059		=		.090				.515			

Table D2
Detailed regression summary tables: CIRP data base, African American students

					_	ant positi ant negal			■							
Outcome variable				 , _		<u>i</u>			<u> </u>							
Four-year learning outcomes: Er	ngagemen	t and me	otivation	,												
Graduate degree aspirations					5 !				0.153		À				e friends	3
Predictors	r	op mode	Step 2	Sten 3	Discus	sion mode Step 1		Sten 3	SOCIALIZ	ing mode	Step 2	Stop 2	in colleg	e model	Step 2	C4== 5
Classroom	.150	Otep i	Step 2	Otep 5	, ,150	otep i	Step 2	Step 5	.150	orch i	Step 2	oreh o	.150	Steb 1	Step 2	Step 3
Informal interaction (model)	.139				.199	-			.033				015			
Drive to achieve											_				e friends	3
		op mode				sion mode				ing mode			in colleg			
Predictors	7	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3	1	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	065	_	_	_	065				065				065			
Informal interaction (model)	.167	-	-	•	.041				.071				060			
Self-confidence (Intellectual)													Same ra	ce: Clos	e friends	3
,	Worksh	op mode			Discuss	sion mode	el		Socializ	ing mode	H		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	<u> </u>	Step 1	Step 2	Step 3
Classroom	049				049				049				049			
Informal interaction (model)	.041				038				.127				093			
Write original works (poems, nov	vels, short	t stories	etc.)										Same ra	ce: Clos	e friends	, S
, 		op mode			Discuss	sion mode	el		Socializ	ing mode	뉘		in colleg	e model		
			Step 2	Step 3	r	Step 1	Ston 2	04 2		Step 1	Sten 2	Step 3	7	Stop 1	Sten 2	Step 3
Predictors	r	Step 1	OIEP Z	Olop o		Orch 1	SIEP Z	Step 3	r	Sich i	Otep Z			Sich i	OLED E	
Predictors Classroom	r .092	Step 1	Step 2	Olop G	.084	Otep 1	Step 2	Step 3	.084	Step (Otep 2		.092	orch i	Step 2	•
	-	Step 1	Step 2	Clup C	•	Otep 1	Step 2	Step 3	•	Step 1	Otep 2		•	Step 1	Step 2	•
Classroom Informal interaction (model)	.092 .060	·	·	·	.084	Otep 1	экер 2	Step 3	.084	Step (окер 2		.092 127	•	•	
Classroom	.092 .060 sculpture,	decorati	ng, etc.)	·	.084 .107			этер 3	.084 .134	·	·		.092 127 Same ra	· ace: Clos	se friends	
Classroom Informal interaction (model) Create artistic works (painting, s	.092 .060 culpture, Workst	decorati	ng, etc.))	.084 .107	sion mode	el		.084 .134	ing mode	el .	• .	.092 127 Same ra in colleg	ace: Clos le model	se friends	
Classroom Informal interaction (model) Create artistic works (painting, s Predictors	.092 .060 sculpture, <u>Worksh</u> r	decorati	ng, etc.)) 	.084 .107				.084 .134 Socializ	ing mode	·	• .	.092 127 Same ra	ace: Clos le model	se friends	
Classroom Informal interaction (model) Create artistic works (painting, s	.092 .060 culpture, Workst	decorati	ng, etc.))	.084 .107 Discuss	sion mode	el		.084 .134 Socializ	ing mode	el .	• .	.092 127 Same ra in colleg	ace: Clos le model	se friends	
Classroom Informal interaction (model) Create artistic works (painting, s Predictors Classroom Informal interaction (model)	.092 .060 sculpture, Worksh r .055 .127	decoration mode Step 1	ng, etc.))	.084 .107 Discuss r .054	sion mode Step 1	el		.084 .134 Socializ r .054	ing mode	el .	• .	.092 127 Same ra in colleg r .055 083	ace: Clos le model Step 1	se friends Step 2	Step 3
Classroom Informal interaction (model) Create artistic works (painting, s Predictors Classroom Informal interaction (model)	.092 .060 sculpture, Worksh r .055 .127	decoration mode Step 1	ng, etc.) Step 2)	.084 .107 Discuss r .054 .127	sion mode Step 1	el Step 2		.084 .134 Socializ r .054 .031	ing mode Step 1	el Step 2	• .	.092 127 Same ra in colleg r .055 083	ace: Clos le model Step 1	se friends	Step 3
Classroom Informal interaction (model) Create artistic works (painting, s Predictors Classroom Informal interaction (model) Preparation for graduate/profess	.092 .060 sculpture, Worksh r .055 .127 sional sch	decoration mode Step 1	ng, etc.) I Step 2 ■	Step 3	.084 .107 Discuss r .054 .127	sion mode	el Step 2	Step 3	.084 .134 Socializ r .054 .031	ing mode Step 1	el Step 2	Step 3	.092 127 Same rain colleg r .055 083 Same rain colleg	ace: Clos le model Step 1	Step 2	Step 3
Classroom Informal interaction (model) Create artistic works (painting, s Predictors Classroom	.092 .060 sculpture, Worksh r .055 .127	decoration mode Step 1	ng, etc.) Step 2	Step 3	.084 .107 Discuss r .054 .127	sion mode	el Step 2	Step 3	.084 .134 Socializ r .054 .031	ing mode Step 1	el Step 2	Step 3	.092 127 Same ra in colleg r .055 083	ace: Clos le model Step 1	se friends Step 2	Step 3

Four-year learning outcomes: Intellectual and academic skills

Average undergraduate grade po		ge (self- op mode		1)	Diecues	sion mod	al		Sociali:	zing mode	al		Same ra	ice: Clos	e friends	3
Predictors .	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	III Colleg	Step 1	Sten 2	Step 3
Classroom	141	окер . Ф	• • • • • • • • • • • • • • • • • • •	φ	151	Φ.	0.0p =	Φ.	151	о.ор , ф	0.Cp _	otep o	- 141	otop i	otep 2	Otep 0
Informal interaction (model)	.024		_	·	.001	•		·	.091	•	·	Ţ	188	·	·	٠
General knowledge													Same ra	ice: Clos	e friends	3
	Worksh	nop mode			Discuss	sion mod			Socializ	zing mode			in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r :	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.007			•	.003				.003				.007		-	-
Informal interaction (model)	.015				007				.243	=			101			
Academic ability													Same ra	ace: Clos	e friends	5
	Worksh	op mode	넭		Discuss	sion mod	lel		Socializ	zing mod	el		in colleg	je model		
Predictors	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3
Classroom	017				017				017				017	•	•	•
Informal interaction (model)	.018				.051				.202				140			
Writing													Same ra	ace: Clos	e friends	
	Worksh	nop mode			Discuss	sion mod			Socializ	zing mod			in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.114				.114				.114				.114			
Informal interaction (model)	.223			•	.220	-			.182	=			019			
Listening ability													Same n	ace: Clos	e friend:	3
	Workst	nop mode	H		Discus	sion mod	lel		Socializ	zing mod	el		in collec	e model		
Predictors	r	Step 1	Step 2	Step 3	. Г	Step 1	Step 2	Step 3	f	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.162				.162				.162		=		.162			,
Informal interaction (model)	.232	■.		-	.144				.160			•	.021			
Analytical and problem-solving	skills												Same n	ace: Clos	e friends	3
-		nop mode	al .		Discus	sion mod	<u>lel</u>		Sociali	zing mod	el		in colleg	e model		
Predictors	Г	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	093		-	•	-,107		•		107				093	-		
Informal interaction (model)	.131			. =	.044				.039				.041			

Ability to think critically													Same ra	ace: Clos	ie friends	i
	Worksh	op mode			Discuss	sion mod	el		Socializ	ing mode			in colleg	je model		
Predictors -	r	Step 1	Step 2	Step 3	ľ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	031				029			.	029				031			
Informal interaction (model)	.098				.171		•	•	001				.093		•	
Writing skills													Same ra	ace: Clos	e friends	· •
	Worksh	op mode	el		Discus	sion mod	el		Socializ	ing mode	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.100				.106				.106				.100			•
Informal interaction (model)	.165			=	.213				.078				.065			
Foreign language skills											*		Same ra	ace: Clos	se friends	;
	Workst	op mode	el		Discus	sion mod	el	<u>. </u>	Socializ	ing mode	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.098	-			.103	•			.103				.098		•	-
Informal interaction (model)	.190		•		069				.011				044			

Nine-year learning outcomes: Engagement and motivation

Drive to achieve													Same ra	ice: Cios	e mends	;
•	Worksh	op mode	4		Discus	sion mod	el ·		Socializ	ing mode	Ħ		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	089				090				090			•	089			
Informal interaction (model)	.136				043				.076				140			
Self-confidence (Intellectual)													Same ra	ace: Clos	se friends	B
·	Worksh	nop mode	el .		Discus	sion mod	el		Socializ	zing mode	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	124	•	•	•	126		-	•	126		•	•	124	-	•	•
Informal interaction (model)	006				122				.039				086			
Write original works (poems, no	vels, shor	t stories	, etc.)								•		Same ra	ace: Clos	se friend:	\$
	Workst	nop mode	el .		Discus	sion mod	el		Socializ	zing mode	el		in colleg	je model	Ì	
Predictors	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.099	•	•	•	.082	-			.082			-	.099	•	*	•
Informal Interaction (model)	.128				.107				063				070			
Create artistic works (painting,	sculpture,	decorati	ing, etc.)			٠						Same n	ace: Clos	se friend:	\$
		nop mode		•	Discus	sion mod	le l		Socialia	zing mod	el		in colleg	ge model		
Predictors	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1		Step 3
Classroom	.063	•	•	•	.048	•	-	·	.048		•	•	.063	•	•	
Informal interaction (model)	.108				.194				.071				022			

Nine-year learning outcomes: Intellectual and academic skills

Academic ability											*		Same ra	ice: Clos	e friends	i
	Worksh	op mode	4		Discuss	sion mod	el	<u> </u>	Socializ	ing mode)		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3
Classroom	- 067	•	·		057				057				067			
Informal Interaction (model)	103				.026				.136				106			
Writing													Same ra	ace; Clos	se friends	, .
	Workst	op mode	4 .		Discuss	sion mod	el		Socializ	ing mode	el .		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	-	Step 1	Step 2	Step 3
Classroom	.130	•			.120				.120	72			.130			•
Informal interaction (model)	.118		•		.171	•			.107				083		*	
Listening ability													Same ra	ace: Clos	se friends	,
	Worksh	nop mode	el.		Discuss	sion mod	el		Socializ	ing mode	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	f	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.025	-	•	•	.037	•		•	.037			•	.025	•	•	•
Informal interaction (model)	.012				.105				031				053			

Nine-year learning outcomes: Valued skills

General knowledge	Worksh	op mode	4		Discuss	sion mod	el		Socializ	ing mode	ᆈ		Same ra		e friends	i
Predictors	<u> </u>	Step 1		Step 3	7	Step 1	Step 2	Step 3	r	Step 1		Step 3		Step 1	Step 2	Step 3
Classroom	043				052				052				043			
Informal interaction (model)	.028				027		•		.071				.143		-	
Analytical and problem-solving	skills												Same ra	ice: Clos	e friends	3
	Workst	op mode	H		Discus	sion mod	lel		Socializ	ing mode	el		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	138	•	٠	4	133			•	133	•	•		138	•	•	•
Informal interaction (model)	.072				025				.029				.108			
Ability to think critically													Same ra	ce: Clos	se friends	3
	Worksh	nop mode	H		Discus	sion mod	lel		Socializ	zing mode	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1		Step 3
Classroom	.107	•	•	•	.110	•	•	•	.110	•	•	•	.107	•	•	•
Informal interaction (model)	007				.121				.089				042			
Writing skills													Same n	ce: Clos	se friend:	5
	Workst	nop mode	<u>k</u>	*	Discus	sion mod	l e l		Socializ	zing mod	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1		Step 3	Г	Step 1		Step 3
Classroom	009	,		•	020				020				009		-	-
Informal interaction (model)	.067				.108			•	.031				002			
Foreign language skills													Same n	ace: Clos	se friend:	5
	Worksl	nop mode	el		Discus	sion mod	lel		Socializ	zing mod	el		in colleg	je model		
Predictors	Г	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.132	,	-	•	.130	•			.130		**		.132			
Informal interaction (model)	.113				,044				075				.078			

Four-year democracy outcomes: Citizenship engagement

Influencing the political structure					Di	_•			O - siatio						e friends	
	Workst	op mode				sion mod				ing mode			In colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	ır	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.094				.082				.082		-		.094	•		
Informal interaction (model)	.208	•	•	•	.222	=		=	.030				.005			
Influencing social values													Same ra	ace: Clos	e friends	3
	Workst	nop mode	ł		Discus	sion mod	el .		Socializ	ing mode	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r.	Step 1		Step 3	r	Step 1	Step 2	Step 3
Classroom	.114	•	•	•	.102	• .	•		.102	•	•	•	.114	•	•	•
Informal interaction (model)	.140		•	•	.202				.043				.101		•	
Helping others in difficulty			•										Same ra	ace: Clos	se friends	3
	Worksh	nop mode	d.		Discus	sion mod	el		Socializ	ing mod	el		in collec	e model		
Predictors	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	ľ	Step 1	Step 2	Step 3	<u> </u>	Step 1	Step 2	Step 3
Classroom	.067	•	•	•	.084	•	•	•	.084	•		•	.067		•	
Informal interaction (model)	.197	•		•	.183			•	006			·	.178		•	
Being involved in programs to c	ean up th	e envira	nment										Same n	ace: Clos	se friends	
		nop mode			Discus	sion mod	el		Socializ	ing mod	el .		in colleg	je model		
Predictors	Г	Step 1	Step 2	Step 3	-	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	- 7	Step 1	Step 2	Step 3
Classroom	.042	•	•		.040	•		•	.040				.042	·		•
Informal interaction (model)	.007				093				.035			-	065			
Participating in a community act	ion progr	am											Same n	ace: Clos	se friends	3
		nop mode	el ·		Discus	sion mod	lel		Socializ	ing mod	el ·		in collec	ge model		
Predictors	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1		Step 3
Classroom	.156			•	.158		••	•	.158	•	•	•	.156		•	•
Informal Interaction (model)	.151		•		.262			• .	118				.123			

Four-year democracy outcomes: Racial/cultural engagement

Promoting racial understanding															e friends	j
	Worksh	op mode	<u> </u>		Discuss	sion mod	el		Socializ	ing mode	!	•	in colleg	<u>je m</u> odel		
Predictors	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3
Classroom	.253				.242				.242				.253			-
informal interaction (model)	.109				.430		•		.085				.164			
Cultural awareness and apprecia	tion												Same ra	ace: Clos	se friends	S
	Worksh	op mode	ıl .		Discuss	sion mod	lel .		Socializ	ing mode	si .		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.245		i i	•	.249		Ė	•	.249				.245	i i	e e	
Informal Interaction (model)	.164				.342	•		•	.005				.251		•	•
Acceptance of persons from diffe	erent race	s/cultur	es										Same ra	ace: Clos	se friend:	5
•		op mode			Discus	sion mod	lel		Socializ	ing mode	el		in colleg	ge model		
Predictors	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	022	•	•	•	025	·	-	•	025	•	•	•	022	• .	•	•
Informal interaction (model)	.024				.013				.174		•		.029			

Nine-year democracy outcomes: Citizenship engagement

Hours/week spent in volunteer w		nunity se op mode			Discus	sion mod	lel		Socializ	ing mode	el			nce: Clos je model	e friends	3
Predictors	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3
Classroom	.089	-	-	-	.091				.091				.089	-	,	
Informal interaction (model)	.042			•	.074				- 066				.098			
Number of community service ac	tivities p	articipat	ed in	•		. •							Same n	ce: Clos	e friends	3
	Workst	op mode			Discus	sion mod			Socializ	ring mode	el .		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.114				.113				.113				.114			
Informal interaction (model)	.183	: -	-		.107				.088				.160			
Community service reason: To g	ive me a	chance t	o work v	with peop	le differe	nt from r	me						Same ra	ace: Clos	e friends	,
•	Workst	op mode			Discus	sion mod			Socializ	ring mode			in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.001				014				014				.001			
Informal interaction (model)	.019	•			.002				126				.087			
Community service reason: To in				e .									Same n	ace: Clos	se friend:	5
	Workst	nop mode			Discus	sion mod			Socializ	zing mode			in colle	ge model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.088				.078				.078				.088			
Informal interaction (model)	.061				.104				099	,		•	.100			
Community service reason: To in	mprove m	у сопит	unity											ace: Clos		5
	Workst	nop mode			Discus	sion mod			Socializ	zing mod			in colle	ge model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.094				.089				.089				.094			
Informal interaction (model)	.263			•	.153		•		.005				.270	•		
Community service reason: To f		ocial res		ility	Discus	sion mod	iel		Socializ	zing mod	el			ace: Clos ge model		5
Predictors	ſ	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r			Step 3	r	Step 1	Step 2	Step 3
Classroom	.126	•	•	. •	.133		•	-	.133		-	•	.126		•	
Informal interaction (model)	.186	=	. •		.218				.057				010			
Influencing the political structure		nop mode			Discus	sion mod	le l		Socializ	zing mode	el			ace: Clos		S _.
Predictors	VVOINSI			Step 3			Step 2	Sten 3	ſ			Step 3	r			Step 3
	.003	Step 1	Step 2	oteh o	005	Otep 1	Otep 2	Step 0	005	Olop !	Diop 2	Jiop J	.003	otop I	Otop 2	J.CP O
Classroom	.003				.021				.099				078			
Informal interaction (model)	.022				.021				.033				070			

Influencing social values		,											Same ra	ice: Clos	e friends	i
	Worksh	op mode			Discus	sion mod	el .		Socializ	ring mode	<u> </u>		in colleg	e model		
Predictors	ſ	Step 1	Step 2	Step 3	- r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.121	· ·			.116				.116				.121			
Informal interaction (model)	.017				.082				124				.077			
Helping others in difficulty													Same ra	ace: Clos	se friends	j
• •	Worksh	op mode	4		Discus	sion mod	lel		Socializ	zing mode	el		in colleç	je model		
Predictors -	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3
Classroom	.177	i i			.199				.199				.177	ė	•	
Informal interaction (model)	.181				.081				064				.229			
Daing involved in programs to a	laan un th	i	nment									•	Same r	aco: Clor	se friends	
Being involved in programs to c		op mode			Diecue	sion mod	اما		Sociali	zing mod	ما			ge model		,
Predictors	AAOLKSI	Step 1	Step 2	Step 3	Discus F	Step 1		Step 3	7	Step 1		Step 3	T COIRE	Step 1		Step 3
Classroom	.120	Step I	Otep 2	Otep 0	.119	otep :	Otep 2	Otep 5	.119	otep .	Otop 2	Otep 0	.120	otep i	Otep 2	otep o
Informal interaction (model)	.014	_	_		.045	_			.052	_	_		050	_	_	
mornial interaction (model)																
Participating in a community act	ion progr	am					·	•					Same n	ace: Clos	se friend:	ŝ
,,,,,,		nop mode	4 .		Discus	sion mod	lel		Socializ	zing mod	el ·		in colle	ge model	l	
Predictors	f	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.180		Ė	•	.190	e e	•	•	.190		ı i	•	.180		•	•
Informal interaction (model)	.204	•			.222				115				.312			

Nine-year democracy outcomes: Racial/Cultural engagement

Promoting racial understanding													Same ra	ace: Clos	se friends	i
-	Workst	nop mode	H		Discus	sion mod	el		Socializ	ing mode	el		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.143	•	•	•	.147		•		.147				.143		-	
Informal interaction (model)	.107				.184				.113				.146			
Cultural awareness and apprecia	ition												Same ra	ace: Clos	se friends	š
	Worksł	hop mode	¥		Discus	sion mod	el		Socializ	ing mode	el		in colleg	je model	j .	
Predictors	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.235	m i	•	•	.235		•		.235				.235	ė		ė
Informal interaction (model)	.191		-		.193				076				.171	•		
Acceptance of persons from diff	erent race	es/cultur	es										Same ra	ace: Clos	se friends	3
	Worksl	hop mode	¥		Discus	sion mod	lel		Socializ	ing mod	el		in colleg	je model	ĺ	
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.132	•	•	•	.136	•	•	•	.136	-	•	•	.132	•	•	•
Informal interaction (model)	.121				.105				.149				.011			

Nine-year outcomes: Living / working in a diverse society

ow well did your undergraduate				or gradua					01-11-					iends in	•	
		op mode				sion mod				ing mode				erse mo		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2		r	Step 1	Step 2		r	•	Step 2	Step 3
Classroom	.224			•	.233				.233				.224			-
Informal interaction (model)	.134	• .			.138				.130				.051			
iow well did your undergraduate	educatio	n prepa	re your	current/m									Close fi	iends in	college	
	Worksh	op mode	4		Discuss	sion mod	el		Socializ	ing mode	4		were di	verse mo	odel	
Predictors	f	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step :
Classroom	.004				.011				.011				.004			-
Informal interaction (model)	.091				122		•	٠	.132				003			
ast year: Discussed racial/ethnic	issues	•											Close fi	riends in	college	
	Worksh	op mode	4		Discuss	sion mod	el		Socializ	ing mode	e l		were di	verse mo	odel	
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	<u> </u>		Step 2	Step :
Classroom	.172		i i	•	.160			•	.160	ė	Ė	•	.172	Ė	•	•
Informal interaction (model)	.122				.327		•	•	.063				262	*	*	٠
ast year: Socialized with someor	ne of and	ther rac	ial/ethni	ic group									Close fi	riends in	college	
,		op mode		• •	Discuss	sion mod	lel		Socializ	ina mode	el		were di	verse mo	odel	
Predictors	r			Step 3		Step 1	Step 2	Step 3	<u> </u>	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step :
Classroom	029				018				018			 -	029	-104 .	_	٠.٠٢
Informal interaction (model)	078				134				.242			-	.378			
, , , , , , , , , , , , , , , , , , ,					**								•			
urrent close friends are diverse													Close f	riends in	college	
	Worksh	op mode	4		Discuss	sion mod	el		Socializ	ing mode	el			verse mo		
Predictors .	r	Step 1		Step 3		Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	ľ		Step 2	Step 3
Classroom	.082	J	, -	- I-P	.085			F -	.085				.082	- T	4.0p m	
Informal interaction (model)	.204	•	•		.124				-,218	٠	•	*	.733	•	-	_
urrent neighbors are diverse													Close f	riends in	college	
	Workst	nop mode	ł		Discuss	sion mod	lel		Socializ	ing mode	el		were di	verse mo	odel	
Predictors	7	Step 1		Step 3	r	Step 1	Step 2	Step 3	ſ	Step 1		Step 3	r		Step 2	Step
Classroom	008	Ф - .			016				016		•	•	008			.*
Informal interaction (model)	.144				061				172				.247			
urrent work associates are diver	se									•			Close fo	riends in	college	
		nop mode	d.		Discuss	sion mod	el		Socializ	ing mode	el .			verse mo		
Predictors .	<u> </u>	Step 1		Step 3	7	Step 1	Step 2	Step 3	r	Step 1		Step 3	r	Step 1	Step 2	Step 3
Classroom	099	4			098				098	•		•	099	•	•	•
~M33100111	.000	•			049				112				.193	-		

Table D3			
Detailed regression summar	y tables: CIRP	data base,	Latino students

				,			ive effect tive effec		•							
Outcome variable				, ···································												
Four-year learning outcomes: En	gagemen	it and m	otivation	,												
Graduate degree aspirations			_								_				se friends	;
		nop mode				sion mod				ing mod				je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3
Classroom	.151				.139				.139				.148			
Informal interaction (model)	.030				.157	. •			.155				.072			
Drive to achieve													Same n	ace: Clos	se friends	3
	Worksh	nop mode			Discus	sion mod			Socializ	ing mod			in colleg	je model		
Predictors	•	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.142				.151				.,151				.141			
Informal interaction (model)	.206	• ,		•	.065				.038				.090			
Self-confidence (Intellectual)													Same r	ace: Clos	se friends	· 3
,	Workst	nop mode	4		Discus	sion mod	lel		Socializ	ing mod	el		in colleg	ge model		
Predictors	ľ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1		Step 3	ī	Step 1		Step 3
Classroom	.090	•	•	•	.088	•	•	•	.088	•	•	•	.092	•	•	•
Informal interaction (model)	.059				055				.006				.079			
Write original works (poems, nov	els. shor	t stories	etc.)										Same n	ace: Clos	se friends	, S
		nop mode			Discus	sion mod	lel		Socializ	ing mod	el		in collec	e model		
Predictors	r	Step 1		Step 3		Step 1	Step 2	Step 3	r	Step 1		Step 3	,		Step 2	Step 3
Classroom	.024				.015				.015		,	•	.017			
Informal interaction (model)	.100				037				.074				060			
Create artistic works (painting, so	culpture.	decorati	na. etc.))									Same n	ace: Clos	se friends	
Cionio almano Morris (bannama)		nop mode			Discus	sion mod	lei		Socializ	ing mod	el		in collec	e model		-
Predictors .	r		Step 2	Step 3	ľ		Step 2	Step 3			Step 2	Step 3	ľ		Step 2	Step 3
Classroom	003	F .		F 3	013				- 013				010			
Informal interaction (model)	.200		= -	•	.002				014				120			
Preparation for graduate/professi	ional sch	ool											Same	ace: Clos	se friends	.
b		nop mode	4		Discuss	sion mod	el		Socializ	ina mode	el			re model		•
Predictors	r	Step 1		Step 3	r		Step 2	Step 3	r		Step 2	Step 3	r		Step 2	Step 3
Classroom	.137				.136				.136	•	•	•	.136		• -	•
しゅうさいい									4.5							

Four-year learning outcomes: Intellectual and academic skills

Average undergraduate grade po		ge (self⊣ op mode		I)	Discus	sion mod	el		Socializ	ing mode	el			ice: Clos je model	e friends	3
Predictors	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	ŗ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.109				.117				.117				.109			Ė
informal interaction (model)	.063				056				.007				.156			
General knowledge													Same n	ace: Clos	e friend:	3
	Worksh	nop mode			Discus	sion mod			<u>Socializ</u>	ing mod			in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3
Classroom	.106				.114				.114				.114			
Informal interaction (model)	.133				.059				.070				034		•	
Academic ability													Same n	ace: Clos	e friend:	3
	Workst	nop mode	1		Discus	sion mod	el		Socializ	ing mod	el	_	in colleg	je model		
Predictors	Г	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3
Classroom	.132			•	.140				.140				.130			
Informal interaction (model)	.107	•			.046				.022				.068			
Writing													Same n	ace: Clos	e friend:	3
	Worksl	nop mode	.		Discus	sion mod	el		Socializ	ing mod			in colle	je model		
Predictors	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.057				.065				.065				.060			
Informal interaction (model)	.151		=		156	•			.100				.027			
Listening ability													Same n	ace: Clos	e friend:	5
	Worksl	nop mode	el		Discus	sion mod	el		Socializ	ing mod	el		in colle	ge model		
Predictors	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.008	-	•	·	.027	•	•	-	.027			-	.020	•	•	
Informal interaction (model)	.002				.045				.171			•	.063			
Analytical and problem-solving	skills												Same n	ace: Clos	e friend:	S
,		nop mode	el .		Discus	sion mod	el		Socializ	ing mod	e l		in colle	je model		
Predictors	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3
Classroom	.077	. •	•	•	.068	-	•	•	.068	-	•	-	.072	-	-	
Informal interaction (model)	.063				.042				.024				.003			

Ability to think critically		•											Same ra	ace: Clos	e friends	
	Worksh	op mode	l		Discuss	sion mod	el		Socializ	ing mode	el .		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3
Classroom	.134				.133				.133				.128		•	
Informal interaction (model)	.117				.143				.071				.076	•		
Writing skills													Same ra	ace: Clos	e friends	3
_	Workst	nop mode	4		Discus	sion mod	el		Socializ	ing mode	el		in colleç	ge model		
Predictors -	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3
Classroom	.117				.128				.128			•	.129	•	•	
Informal interaction (model)	.022				.090				.018				.024	•		
Foreign language skills	•												Same n	ace: Clos	se friends	3
	Workst	nop mode	4		Discus	sion mod	lel		Socializ	ing mode	el		in colleg	ge model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1		Step 3
Classroom	.232				.248				.248				.243	=	, i	•
Informal interaction (model)	.178				.050				.024				.068			

Nine-year learning outcomes: Engagement and motivation

Drive to achieve															se friends	
· ·	Worksh	op mode	1		Discus	sion mod	el		Socializ	ing mod	el		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r ,	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.187				.202	=			.202	. 🗰			.197			
Informal interaction (model)	.148				.168		•		.015				003			
Self-confidence (Intellectual)												•	Same ra	ace: Clos	se friends	;
·	Worksh	op mode	d _		Discus	sion <i>m</i> od	lel		Socializ	ing mod	el		in colleg	je model		
Predictors	ſ	Step 1	Step 2	Step 3	٢	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3
Classroom	.030	-	-	•	.048	•	•	•	.048	•	•	•	.045	•	•	•
Informal interaction (model)	.036				.071				033				.045			
Write original works (poems, no	vels, short	t stories	, etc.)										Same ra	ace: Clos	se friends	•
	Worksh	nop mode	1		Discus	sion mod	el		Socializ	ing mod	el		in colleg	e model		
Predictors	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.150		•	•	.134	•	·		.134		•	•	.142	e e		ė
Informal interaction (model)	.127	, 🖷			.042				.048				110		*	٠
Create artistic works (painting, s	culpture,	decorati	ng, etc.) .									Same n	ace: Clos	se friends	s
		nop mode			Discus	sion mod	el		Socializ	ring mod	el		in colleg	je model		
Predictors		Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	ľ	Step 1		Step 3		Step 1	Step 2	Step 3
Classroom	045	•	•	•	056	•	•	•	056	•	•	•	053	•	•	•
Informal interaction (model)	.005				057				016			•	146	*	*	*

Nine-year learning outcomes: Intellectual and academic skills

Academic ability													Same n	ace: Clos	e friends	}
•	Workst	nop mode	k		Discus	sion mod	el ·		Socializ	ing mode	al .		in colleg	e model		
Predictors	<u> </u>	Step 1	Step 2	Step 3	<u> </u>	Step 1	Step 2	Step 3	ľ	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3
Classroom	.056	,			.049				.049				.053			. •
Informal interaction (model)	.020				.137				.094				065			
Writing					÷								Same n	ace: Clos	e friends	,
_	Worksh	nop mode	H	•	Discus	sion mod	lel		Socializ	ing mod	ęl		in colleg	e model		,
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	056	•	•		061		•	·	061	•	•	•	054	•	•	•
Informal interaction (model)	.050				.121			-	.082				.017	•		
Listening ability		. •										٠.	Same n	ace: Clos	e friends	
	Workst	nop mode	. k		Discus	sion mod	lel		Socializ	ing mod	el		in colle	je model		. *
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	. r	Step 1	Step 2	Step 3	7	Step 1	Step 2	Step 3
Classroom	.173	e e	ė	•	.173	ė	i i	•	.173		•	•	.171	•	•	••
Informal interaction (model)	.060				.093				.195	■.	•		.004			

Nine-year learning outcomes: Valued skills

General knowledge	Worksh	op mode	1		Discuss	sion mod	el		Socializ	ing mode	.			ice: Clos je model	e friends	,
Predictors	ſ	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3		Step 1		Step 3		Step 1	Step 2	Step 3
Classroom	.135	ė	•		.126				.126				.125			
Informal interaction (model)	.104				.025				.042				027			
Analytical and problem-solving	skills												Same ra	ace: Clos	e friends	3
	Workst	op mode	4		Discus	sion mod	el		Socializ	ing mode	el	*	in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r .	Step 1		Step 3	r	Step 1	Step 2	Step 3
Classroom	.012				.020				.020				.008	•		•
Informal interaction (model)	.020				.052				068				.054			
Ability to think critically				•									Same n	ace: Clos	e friends	3
	Worksh	op mode	el .		Discus	sion mod	el		Socializ	ing mode	eł		in collec	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1		Step 3	ľ	Step 1		Step 3
Classroom	.006		•		026	•	•	•	026			•	017	·	•	•
Informal interaction (model)	070				031				026				.039			
Writing skills													Same n	ace: Clos	e friends	3
	Worksh	op mode	4		Discus	sion mod	el		Socializ	ing mode	el .		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.139				.134				.134				.136			
Informal interaction (model)	.218	•			.065				011				.110			
Foreign language skills													Same r	ace: Clos	se friends	3 .
	Worksh	op mode	el .		Discus	sion mod	el		Socializ	ing mode	el		in colle	ge model		
Predictors	r .	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.333	. 🖷			.331				.331		· •		.334			
Informal interaction (model)	.213				.105			*	072				.174			•

Four-year democracy outcomes: Citizenship engagement

Influencing the political structure	•												Same ra	ce; Clos	e friends	;
	Workst	nop mode	ei		Discuss	sion mod	el		Socializ	ing mode	H		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.153				.153	•			.153	-			.152	. #	•	
Informal interaction (model)	.171	1			.259				.075			~	.032			
Influencing social values													Same ra	ace: Clos	se friends	3
	Workst	nop mode	el .		Discus	sion mod	el		Socializ	ing mode	el		in colleg	e model		
Predictors	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.072				.051				.051				.065	-	-	•
Informal interaction (model)	.123				.099				004				049			
Helping others in difficulty													Same ra	ace: Clos	e friends	3
	Workst	nop mode	el		Discus	sion mod	el		Socializ	ing mode	H		in colleg	e model		
Predictors	Г	Step 1	Step 2	Step 3	· r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3
Classroom	.198				.198				.198				.196		•	
Informal interaction (model)	.171				.149	4			.066				.023			
Being involved in programs to cl	ean up th	e enviro	nment										Same n	ace: Clos	se friends	5
	Workst	nop mode			Discus	sion mod	el		Socializ	ting mode	el 💮		in colleg	je model		
Predictors	r	Step 1	Step 2	Step 3	T.	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.215				.212				.212				.209			
Informal interaction (model)	.199			•	.100				.072		•		.037			
Participating in a community act	ion progr	am											Same n	ace: Clos	se friends	; 3
		hop mode	el		Discus	sion mod	el	*	Socializ	zing mode	el		in colleg	ge model	l,	
Predictors	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3
Classroom	.233				.228				.228				.238		•	-
Informal interaction (model)	290	-		•	.309				.198			-	061			

Four-year democracy outcomes: Racial/cultural engagement

Promoting racial understanding													Same ra	ace: Clos	se friends	
	Workst	rop mode	4		Discussion model				Socializ	ing mode	<u>el</u>		in college model			
Predictors	r	Step 1	Step 2	Step 3	, r	Step 1	Step 2	Step 3	. r	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3
Classroom	.362	•			.356				.356				.362			
Informal Interaction (model)	.267				.477	•		•	.316	•	■,		001			
Cultural awareness and apprecia	ition												Same n	ace: Clos	se friends	3 .
• •	Worksh	nop mode	H		Discussion model				Socializ	ing mode	el		in college model			
Predictors	Г	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	ſ	Step 1	Step 2	Step 3	٢	Step 1	Step 2	Step 3
Classroom	.228			-	.202			•	.202	•		-	.210	=		•
Informal interaction (model)	.257	•			.307		•	-	.133				.056			
Acceptance of persons from diff	erent race	:s/cultur	es							•			Same n	ace: Clos	se friends	;
•		nop mode			Discussion model				Socializ	ing mode	el		in college model			
Predictors	ſ	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1		Step 3	r	Step 1		Step 3
Classroom	.113	•	·	•	.095	•	•	•	.095		•	•	.101	•	•	•
Informal interaction (model)	.132				.225				.129				.117			

Nine-year democracy outcomes: Citizenship engagement

Hours/week spent in volunteer w	nunity so			Discuss	sion mod	lel	•	Socializ	zing mode	al .		Same race: Close friends in college model					
Predictors	r			Step 3	7	Step 1		Step 3		Step 1		Step 3	r		Step 2	Sten 3	
Classroom	.167	Otep .	Otop 2	Olop O	.154	□.Sp .	0.00	J.Jp J	.154		Otop 2	Ctop C	.159	•.op .	Otop 2	Otop 0	
Informal interaction (model)	.134				.234	•			.099	_			.108	_			
Number of community service a	ctivities p	articipat	ed in										Same n	ace: Clos	se friends	3	
	Worksh	op mode	:		Discus	sion mod			Socializ	zing mode	el		in college model				
Predictors	1	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	
Classroom	.140	•			.126				.126				.133	. =			
Informal interaction (model)	.038				.071				.145	=			.154	-			
Community service reason: To g	Community service reason: To give me a chance to work with peop										٠		Same race: Close friends				
	Worksh	op mode			Discus	sion mod			Socializ	zing mod			in colle	ge model			
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	
Classroom	018				007				007				018				
Informal interaction (model)	.118				030				.019				.083				
Community service reason: To improve society as a whole													Same race: Close friends				
	Worksh	nop mode			Discuss	sion mod			Socializ	zing mod	el <u> </u>		in college model				
Predictors	- 1	Step 1	Step 2	Step 3	۲.	Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	
Classroom	.031				.022				.022				.016				
Informal interaction (model)	.229		=		.109				.001				020				
Community service reason: To i	mprove m	y comm	unity										Same r	ace: Clos	se friends	5	
	Worksh	nop mode	H		Discus	sion mod	iel .		Socializ	zing mod	el .		in college model				
Predictors	7	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	f	Step 1	Step 2	Step 3	
Classroom	.016				.028				.028				.023				
Informal interaction (model)	.107				.008				.077				.220	=	•	. =	
Community service reason: To fulfill my social responsibility													Same race: Close friends				
•	Workst	nop mode	Ħ		Discus	sion mod			Socializ	zing mod			in college model				
Predictors	Г	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	, r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	
Classroom	.101				.114				.114				.115				
Informal interaction (model)	.038				.100				.110		•		.068	. •	•	. •	
Influencing the political structur	_						,						Same r	ace: Clos	se friends	S ;	
minecionia me benneal commercia	C		Workshop model										in college model				
		nop mode	al		Discus	sion mod	iel		Socializ	zing mod			in colle	ge model	<u> </u>		
Predictors				Step 3	Discus:		iel Step 2	Step 3	Socializ		el Step 2	Step 3	in colle			Step 3	
	Worksh	Step 1		Step 3				Step 3				Step 3				Step 3	

Influencing social values Workshop model						sion mod	el		Socializ	ing mode	el		Same race: Close friends in college model				
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	
Classroom	.056				.053				.053				.061				
Informal interaction (model)	024				.012	•			025				081		•		
Helping others in difficulty									7				Same ra	ace: Clos	se friends	3	
	Workst	nop mode	4	·	Discussion model				Socializ	ing mod	<u>eł</u>		in college model				
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	
Classroom	.142				.134				.134				.141		· · · · ·		
Informal interaction (model)	.097				018				153				.190				
Being involved in programs to c					Di	_1	11		Casialia		. 1				se friends	•	
	VVORKS	nop mode			Discus	sion mod			Socializ	ing mod			in colle	e model			
Predictors	r	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	ر ممد	Step 1	Step 2	Step 3	r	Step 1	Step 2	Step 3	
Classroom	.094				.085				.085				.089				
Informal interaction (model)	.272	1			064				150				.136		• .		
Participating in a community act	ion progra	am											Same r	ace: Clos	se friends	3	
Workshop model						sion mod	lei		Socializ	zing mod	el		in college model				
Predictors	r	Step 1	Step 2	Step 3		Step 1	Step 2	Step 3	Г	Step 1	Step 2	Step 3	r	Step 1		Step 3	
Classroom	.219				.205				.205				.214				
Informal interaction (model)	.143				.143	•			.135				.103				